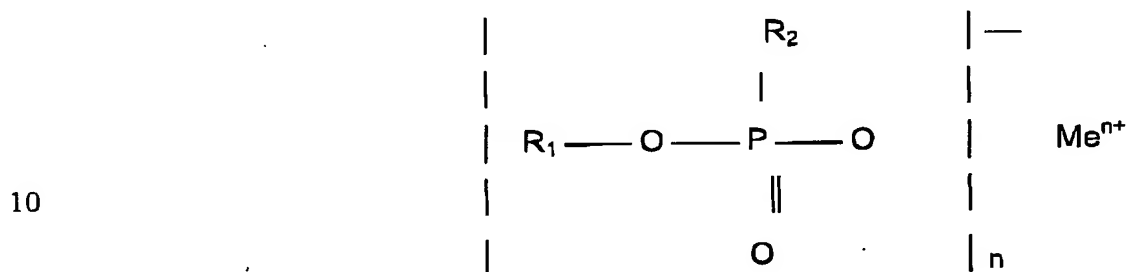


Docket No.: 396542

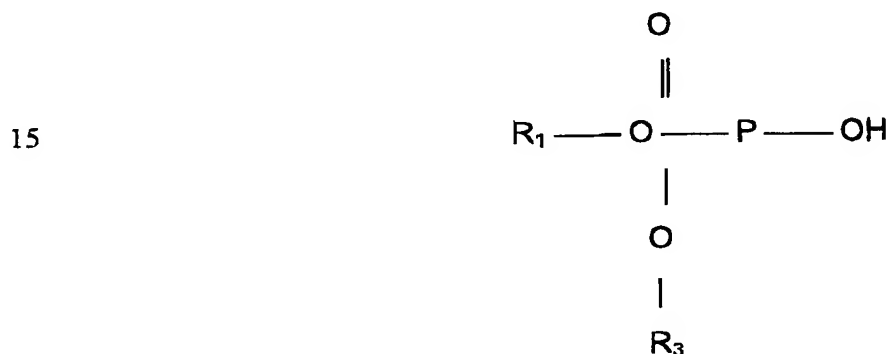
**Amendments to the Claims:**

The claims are amended as follows:

1. (Currently Amended) An *in vivo* agricultural fertilizer ~~A composition for fertilizing~~  
 5 comprising enhanced growth stimulating effective amounts of at least a first salt having  
 the following formula:



and a second salt having the following formula:



- 20 where  $R_1$  is selected from the group consisting of H, K, an alkyl radical containing from 1 to 4 carbon atoms, halogen-substituted alkyl or nitro-substituted alkyl radical, an alkenyl, halogen-substituted alkenyl, alkynyl, halogen-substituted alkynyl; alkoxy-substituted alkyl radical, and ammonium substituted by alkyl or hydroxy alkyl radicals;
- $R_2$  and  $R_3$  are selected from the group consisting of H and K;
- 25 Me is selected from the group consisting of K, alkaline earth metal cations, aluminum atom, and ammonium cation; and
- $n$  is a whole number from 1 to 3, equal to the valence of Me,

Docket No.: 396542

wherein said composition comprises an aqueous solution, each said first and second salt being present in solution from about 0.25% vol./vol. to about 5% vol./vol.

2. (Currently Amended) An *in vivo* agricultural fertilizer ~~A composition for fertilizing~~ comprising: enhanced growth stimulating effective amounts of at least a first salt selected from the group consisting of  $\text{KH}_2\text{PO}_3$ ,  $\text{K}_2\text{HPO}_3$ ,  $\text{K}_3\text{PO}_3$ ,  $\text{NH}_3\text{H}_2\text{PO}_3$ , and  $(\text{NH}_3)_2\text{HPO}_3$  and a second salt selected from the group consisting of  $\text{KH}_2\text{PO}_4$ ,  $\text{K}_2\text{HPO}_4$ , and  $\text{K}_3\text{PO}_4$  wherein the amount of said first salt is one part by weight and the amount of said second salt is between 0.001 and 1.000 parts by weight.

3. (Previously Added) A method of stimulating growth and controlling fungus disease in plants comprising applying to the plants in growth stimulating effective amounts a composition comprising:

- (a) an aqueous solution of  $\text{H}_3\text{PO}_3$  and KOH, and
- (b) an aqueous solution of monopotassium phosphate and KOH.

4. (Previously Added) The method according to claim 3, wherein said composition comprises an aqueous solution wherein the amount of potassium phosphonate in said aqueous solution (a) and the amount of potassium phosphate in said aqueous solution (b) is each present in said composition in an amount from about 0.25 % vol./vol. to about 5 % vol./vol..

5. (Previously Added) The method according to claim 3, wherein said composition comprises an aqueous solution wherein the amount of potassium phosphonate prepared from solution (a) in said composition is one part by weight and the amount of potassium phosphate prepared from solution (b) in said composition is between 0.001 and 1,000 parts by weight.

6. (Previously Added) A method of stimulating growth and controlling fungus disease in plants comprising applying to the plants in growth stimulating effective amounts a composition prepared by mixing:

- (a) an aqueous solution of  $\text{H}_3\text{PO}_3$  and KOH, and
- (b) an aqueous solution of monopotassium phosphate and KOH.

Docket No.: 396542

7. (Previously Added) The method according to claim 6, wherein said composition comprises an aqueous solution wherein the amount of potassium phosphonate in said aqueous solution (a) and the amount of potassium phosphate in said aqueous solution (b) is each present in said composition in an amount from about 0.25 % vol./vol. to about 5 % vol./vol..

8. (Previously Added) The method according to claim 6, wherein said composition comprises an aqueous solution wherein the amount of potassium phosphonate prepared from solution (a) in said composition is one part by weight and the amount of potassium phosphate prepared from solution (b) in said composition is between 0.001 and 1,000 parts by weight.

9. (Previously Added) A method of stimulating growth and controlling fungus disease in plants comprising applying to the plants in growth stimulating effective amounts a composition comprising:

- (a) an aqueous solution of  $H_3PO_3$  and KOH, and
- (b) an aqueous solution of dipotassium phosphate.

10. (Previously Added) The method according to claim 9, wherein said composition comprises an aqueous solution wherein the amount of potassium phosphonate in said aqueous solution (a) and the amount of dipotassium phosphate in said aqueous solution (b) is each present in said composition in an amount from about 0.25 % vol./vol. to about 5 % vol./vol..

11. (Previously Added) The method according to claim 9, wherein said composition comprises an aqueous solution wherein the amount of potassium phosphonate prepared from solution (a) in said composition is one part by weight and the amount of dipotassium phosphate in solution (b) in said composition is between 0.001 and 1,000 parts by weight.

12. (Previously Added) A method of stimulating growth and controlling fungus disease in plants comprising applying to the plants in enhanced fungicidally effective amounts a composition prepared by mixing:

- (a) an aqueous solution of  $H_3PO_3$  and KOH, and

Docket No.: 396542

(b) an aqueous solution of dipotassium phosphate.

13. (Previously Added) The method according to claim 12, wherein said composition comprises an aqueous solution wherein the amount of potassium phosphonate in said aqueous solution (a) and the amount of dipotassium phosphate in said aqueous solution (b) is each present in said composition in an amount from about 0.25 % vol./vol. to about 5 % vol./vol..

14. (Previously Added) The method according to claim 12, wherein said composition comprises an aqueous solution wherein the amount of potassium phosphonate prepared from solution (a) in said composition is one part by weight and the amount of dipotassium phosphate in solution (b) in said composition is between 0.001 and 1,000 parts by weight.